



# CGM CIGIEMME S.p.A.

Controlli Non Distruttivi - Non Destructive Testing



**Product Code**  
02098020

**Ref. no.**  
A38

**Product Data  
Sheet**

## WETTING AGENT A38

### PRODUCT DESCRIPTION

Wetting Agent A38 is an excellent concentrated anti-foaming liquid product with strong wetting properties, used for conditioning aqueous suspensions of magnetic particles.

### COMPOSITION

Mixture of non-ionic liquid surfactants and silicone polymers.

**N.B.:** Like all CGM products, the Wetting Agent A38 is tightly controlled to ensure batch uniformity, optimal process verification and control reliability.

### SPECIFICATIONS

- Easy to use.
- Excellent anti-foaming characteristics.
- Excellent wettability of the surface.
- It promotes the dispersion of magnetic particles in the suspension.

### PACKAGING TYPE

- 10 L cans

### APPLICABILITY

It is ideal for:

- Use in benches with magnetic particle suspension recirculation tanks.
- Use with aqueous suspensions.

### INSTRUCTIONS FOR USE

**TIP:** always operate according to a procedure authorised by a 3<sup>rd</sup> level in Magnetic Particle Inspection.

- Dilute Wetting Agent A38 in the bath water (0.5-1.0%), stirring the solution to homogenise it.
- Add the magnetic particles in the amount prescribed by the procedure.
- Shake the suspension for optimal dispersion of the particles.
- Check the concentration of the suspension with the sedimentation glass tube before use.
- Remember that failure to comply with the dilution values may result in excessive foaming.



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N. Registro Imprese, C.F. e P.I.: 05732470967 - N. REA: Mi -1843908 - Capitale Sociale: EURO 500.000.00 I.V.

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## PROPERTIES AND PRODUCT COMPARISON

	A43	A44	A38	1883
Shape and colour	Milky liquid	Opalescent liquid	Milky liquid	Amber-coloured transparent liquid
Odour	Odourless	Characteristic	Characteristic	Characteristic
Density at 20° EN ISO 12185	1.0 g/cm <sup>3</sup>	1.0 g/cm <sup>3</sup>	1.0 g/cm <sup>3</sup>	1.0 g/cm <sup>3</sup>
pH ISO 4316	7.5	9	6	9
Solubility	In water	In water	In water	In water

Typical values.

## RECOMMENDATIONS FOR THE USER

NDT method	Magnetic Particles Inspection
Shelf life	3 years at a temperature between 5°C and 45°C
Usage temperature	From -5°C to +55°C
Dilution	0.5-1.0%
Magnetic Particles	K35-K40-K150-K755-K31/73
Preliminary cleaning	Velnet/Solnet

## HEALTH AND SAFETY

Read all health and safety information before using this product. This information can be found in the Safety Data Sheet, available on request.

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